WEST Search History

[Hide Items] [Restore] [Clear] [Cancel]

DATE: Wednesday, November 22, 2006

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L26	l11 and L25	2
☐	L25	L24 and multimedia	2
☐	L24	L21 and buffer adj2 length and buffer$4 adj4 delay$2 and delay adj3 size	4
☐	L23	L21 and buffer adj2 length	4
☐	L22	L21 and realm$	2
☐	L21	L17 and l11	50
☐	L20	L17 and 713/2$$.ccls.	0
☐	L19	L17 and 713/1$$.ccls.	0
☐	L18	L17 and 370/1$$.ccls.	0
☐	L17	L13 and (delay adj3 size) and ((transmission adj2 rate) or bandwidth)	50
☐	L16	L13 and 370/2$$.ccls.	6
☐	L15	L13 and 709/2$$.ccls.	6
☐	L14	L13 and 709/2$4.ccls.	6
☐	L13	(ctl or connection control processor or processor) and buffer$4 adj4 delay$2 and delay adj3 size and transmission adj3 rate$	50
☐	L12	(ctl or connection control processor or processor) and buffer$4 adj4 delay$2 and delay adj3 size	175
☐	L11	(ctl or connection control processor or processor) and buffer$4 adj4 delay$2	6306
☐	L10	L9 and 709/2$$.ccls.	8
☐	L9	L8 and active same (server or instance)	12

☐	L8	L7 and @ad<20020221	17
☐	L7	server adj2 cluster and migrat$4 same service and leas$4 and activat$4 and deactivat$4	31
☐	L6	server adj2 cluster and migrat$4 same service and leas$4	156
☐	L5	L4 and activat$4 and deactivat$4	6
☐	L4	server adj2 cluster same migrat$4 same service and tim$4	22
☐	L3	L2 and @ad<20020221	8
☐	L2	L1 and active	16
☐	L1	server adj2 cluster same migrat$4 same service	22

END OF SEARCH HISTORY

PORTAL
USPTO

Subscribe (Full Service)   Register

Search: ◉ The ACM Digital Library

delay and size and transmission rate and

THE ACM DIGITAL LIBRARY

ℹ️ Feedba

Terms used
delay and **size** and **transmission rate** and **bandwidth** and **buf**

Sort results by | relevance |
Display results | expanded form |

◆ Save results to a Binder
? Search Tips
☐ Open results in a new window

Results 1 - 20 of 200
Best 200 shown

1 Supporting stored video: reducing rate variability and end-to-end re:
James D. Salehi, Shi-Li Zhang, Jim Kurose, Don Towsley
August 1998 **IEEE/ACM Transactions on Networking (TON)**, Volu
Publisher: IEEE Press
Full text available: 📄 pdf(453.23 KB)   Additional Information: ful

Keywords: computer network performance, computer networks, intera
systems, network operating systems, network servers

2 Multimedia and visualization: Smoothed fetching: bridging the data |
◈ servers
Sooyong Kang, Heon Y. Yeom
March 2002 **Proceedings of the 2002 ACM symposium on Applied**
Publisher: ACM Press
Full text available: 📄 pdf(603.37 KB)   Additional Information: ful

Typical block placement schemes generally assume CTL (Constant Time
round, round-robin striping, and peak rate-based admission control. Tra
objects do not consider the block layout of the storage system. Hence,
introduce new challenges. In this paper, we present a *server transmissi*

Keywords: data placement, multimedia system, traffic smoothing

3 Multimedia virtual circuit model for MPEG on ATM networks
Anna Hać, Johnny On
December 1998 **International Journal of Network Management**,
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(337.83 KB)   Additional Information: ful

> A Multimedia Virtual Circuit (MVC) model for MPEG (Mo·
> demonstrates an efficient method to accommodate the bandwidth requi
> compare the leaky bucket system that requires client to reserve the ma
> John Wiley & Sons, Ltd.

4 Smoothing variable-bit-rate video in an Internetwork
Jennifer Rexford, Don Towsley
April 1999 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press
Full text available: pdf(357.47 KB)   Additional Information: full c

Keywords: Bandwidth-smoothing, Internetwork, majorization, prefetcl

5 Link capacity allocation and network control by filtered input rate in l
San-Qi Li, Song Chong, Chia-Lin Hwang
February 1995 **IEEE/ACM Transactions on Networking (TON)**, Vc
Publisher: IEEE Press
Full text available: pdf(1.90 MB)   Additional Information: ful

6 Understanding and improving TCP performance over networks with
Wu-chang Feng, Dilip D. Kandlur, Debanjan Saha, Kang G. Shin
April 1999 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press
Full text available: pdf(258.07 KB)   Additional Information: full c

Keywords: TCP, differentiated services, integrated services, queue ma

7 Providing deterministic delay guarantees in ATM networks
Seok-Kyu Kweon, Kang G. Shin
December 1998 **IEEE/ACM Transactions on Networking (TON),** \
Publisher: IEEE Press
Full text available: pdf(469.94 KB)   Additional Information: ful

Keywords: ATM, broadband ISDN, cell multiplexing, channel admissibi
monotonic priority scheduling, real-time communication, traffic controll

8 Statistical multiplexing and buffer sharing in multimedia high-speed
Wing-cheong Lau, San-qi Li
June 1997 **IEEE/ACM Transactions on Networking (TON),** Volume
Publisher: IEEE Press
Full text available: pdf(526.43 KB)   Additional Information: full

Keywords: ATM, BISDN, network source allocation, source characteriz

9 A rate control scheme for adaptive real-time applications in IP netw
Ian F. Akyildiz, Özgür B. Akan, Giacomo Morabito
June 2005 **IEEE/ACM Transactions on Networking (TON),** Volume
Publisher: ACM Press
Full text available: pdf(671.29 KB)   Additional Information: ful

Currently there is no control for real-time traffic sources in IP networks
not only congest the network but can also cause unfairness and starvat
current solutions for Internet to the networks with high bandwidth-dela
may result in inaccurate congestion control decisions and unnecessary ı

Keywords: flow control, high bandwidth-delay products, high bit error

10 ARCMA---adaptive request channel multiple access protocol for wir
Anna Hać, Boon Ling Chew
November 2001 **International Journal of Network Management,**
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(669.87 KB)   Additional Information: ful

> We propose a new multiple access protocol based on demand assignme
> request phase while minimizing transmission delay under various netwc
> scheme that changes under heavy traffic conditions, and also provides |

11 Efficient transmission of stored video for improved management of |
Arun W. Solleti, Kenneth J. Christensen
September 2000 **International Journal of Network Management,**
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(318.78 KB)   Additional Information: ful

> Emerging applications that use stored video complicate the managemer
> the video. This paper develops a new, more efficient and less complex {
> 2000 John Wiley & Sons, Ltd.

12 End-to-end delay analysis of videoconferencing over packet-switche
Mario Baldi, Yoram Ofek
August 2000 **IEEE/ACM Transactions on Networking (TON),** Volur
Publisher: IEEE Press
Full text available: pdf(266.78 KB)   Additional Information: ful

> **Keywords**: MPEG, end-to-end delay, performance guarantees, quality

13 Synchronization in multimedia data retrieval
Anna Haj Hać, Cindy X. Xue
January 1997 **International Journal of Network Management,** Vo
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(487.64 KB)   Additional Information: ful

> Synchronization of multiple medium streams in real time has been reco
> multimedia applications based on broadband high-speed networks. This
> distributed multimedia information systems. © 1997 John Wiley & Sons

14 The performance of TCP/IP for networks with high bandwidth-delay
T. V. Lakshman, Upamanyu Madhow
June 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press
Full text available: pdf(390.77 KB)   Additional Information: full

Keywords: TCP/Ip, congestion control, error recovery, flow control, int

15 MPEG-4 Video transmission over wireless networks: a link level per
Ji-An Zhao, Bo Li, Chi-Wah Kok, Ishfaq Ahmad
March 2004 **Wireless Networks**, Volume 10 Issue 2
Publisher: Kluwer Academic Publishers
Full text available: pdf(306.85 KB)   Additional Information: ful

With the scalability and flexibility of the MPEG-4 and the emergence of ·
services are foreseen to become deployed in the near future. Transport
is expected to be an important component of many emerging multimed
applications is to ensure that the quality-of-service (QoS) requirement 1

Keywords: DBMAP with marked transitions, DBMAP/PH/1 priority queu

16 Scalable on-demand media streaming with packet loss recovery
Anirban Mahanti, Derek L. Eager, Mary K. Vernon, David J. Sundaram-Stu
April 2003 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press
Full text available: pdf(680.99 KB)   Additional Information: ful

Previous scalable on-demand streaming protocols do not allow clients t(
protocols that: 1) have a tunably short latency for the client to begin pl
recover lost packets without jitter as long as each client's *cumulative* lo
tunable upper bound on the transmission rate to each client that can be

Keywords: multicast, packet loss recovery, performance evaluation, p(
video-on-demand

17 Algorithms and performance evaluation of the Xphone multimedia c

Alexandros Eleftheriadis, Sassan Pejhan, Dimitris Anastassiou

September 1993 **Proceedings of the first ACM international conf**

Publisher: ACM Press

Full text available: pdf(208.33 KB) ps (362.57 KB) Additional Information: ful

Keywords: application development systems, media synchronization, ı

18 Scalable and fault-tolerant support for variable bit-rate data in the e

Stergios V. Anastasiadis, Kenneth C. Sevcik, Michael Stumm

November 2005 **ACM Transactions on Storage (TOS)**, Volume 1 Is:

Publisher: ACM Press

Full text available: pdf(1.01 MB) Additional Information: ful

We describe the design and implementation of the Exedra continuous m resource management policies using a prototype system that we built. I efficient support for variable bit-rate media streams whose compressior bandwidth requirements in comparison to constant bit-rate streams of (policies, and qua ...

Keywords: Content distribution, multimedia compression

19 Adaptive source rate control for real-time wireless video transmissic

Hang Liu, Magda El Zarki

June 1998 **Mobile Networks and Applications**, Volume 3 Issue 1

Publisher: Kluwer Academic Publishers

Full text available: pdf(371.56 KB) Additional Information: ful

Hybrid ARQ schemes can yield much better throughput and reliability th time-varying wireless channels. However these schemes result in extra retransmitting erroneous packets, this causes variable effective data ra· bandwidth is constant. Hybrid ARQ schemes are currently being propos

20 Video Storage: Periodic broadcast and patching services: implemer streaming video testbed

Michael K. Bradshaw, Bing Wang, Lixin Gao, Jim Kurose, Prashant Shenoy
October 2001 **Proceedings of the ninth ACM international confere**
Publisher: ACM Press
Full text available: pdf(797.96 KB)   Additional Information: ful

Multimedia streaming applications can consume a significant amount of
patching are two approaches that use multicast transmission and client
network load, while at the same time allowing asynchronous access to i
research in this area has focussed primarily on the algorithmic aspects
analysis ...

Keywords: patching, periodic broadcast, server

Results 1 - 20 of 200   Result page: **1**   2   3   4   5

P⊘RTAL

USPTO

Search: ⊙ The ACM Digital Library

> delay and size and transmission rate and

THE ACM DIGITAL LIBRARY

⌦ Feedback Report ₐ

Terms used
delay and **size** and **transmission rate** and **bandwidth** and **buf**

Sort results by | relevance |
Display results | expanded form |

● Save results to a Binder   Try ₐ
? Search Tips   Try t
☐ Open results in a new window

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9
Best 200 shown

1 Supporting stored video: reducing rate variability and end-to-end re₁ optimal smoothing
James D. Salehi, Shi-Li Zhang, Jim Kurose, Don Towsley
August 1998 **IEEE/ACM Transactions on Networking (TON)**, Volur
Publisher: IEEE Press

Full text available: ⊡ pdf(453.23 KB)

Additional Information: full citatic terms

Keywords: computer network performance, computer networks, interₐ communication, multimedia systems, network operating systems, netwₑ

2 Providing deterministic delay guarantees in ATM networks
Seok-Kyu Kweon, Kang G. Shin
December 1998 **IEEE/ACM Transactions on Networking (TON)**, ₗ
Publisher: IEEE Press

Full text available: ⊡ pdf(469.94 KB)

Additional Information: full citatic terms

Keywords: ATM, broadband ISDN, cell multiplexing, channel admissibi conferencing, rate-monotonic priority scheduling, real-time communicat

3 Rate-adaptive snoop: a TCP enhancement scheme over rate-contro
Ji-Cheol Moon, Byeong Gi Lee
June 2006 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press

Full text available: ⊠ pdf(1.20 MB)   Additional Information: full citatic
terms

We study TCP performance over the wireless links deploying a wireless characteristics are identified by variable link rate and bursty transmissic enhancement scheme, called rate-adaptive snoop (RA-Snoop). RA-Snoc based on the wireless channel condition and the cached packets are ret link in case corruption loss is detected. In addition, for effective adaptat

Keywords: TCP, bandwidth-delay product, caching, congestion control,

4 Understanding and improving TCP performance over networks with
Wu-chang Feng, Dilip D. Kandlur, Debanjan Saha, Kang G. Shin
April 1999 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press
Full text available: ⊠ pdf(258.07 KB)   Additional Information: full citatic
terms

Keywords: TCP, differentiated services, integrated services, queue ma

5 The performance of TCP/IP for networks with high bandwidth-delay
T. V. Lakshman, Upamanyu Madhow
June 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press
Full text available: ⊠ pdf(390.77 KB)   Additional Information: full citatic
terms

Keywords: TCP/Ip, congestion control, error recovery, flow control, int

6 End-to-end delay analysis of videoconferencing over packet-switchε
Mario Baldi, Yoram Ofek
August 2000 **IEEE/ACM Transactions on Networking (TON)**, Volur
Publisher: IEEE Press
Full text available: ⊞ pdf(266.78   Additional Information: full citatic
KB)   terms

Keywords: MPEG, end-to-end delay, performance guarantees, quality ·
videoconference

7 Smoothing variable-bit-rate video in an Internetwork
Jennifer Rexford, Don Towsley
April 1999 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press
Full text available: ⊞ pdf(357.47   Additional Information: full citatic
KB)   terms

Keywords: Bandwidth-smoothing, Internetwork, majorization, prefetcⱨ

8 Supporting stored video: reducing rate variability and end-to-end reₛ
◈ optimal smoothing
James D. Salehi, Zhi-Li Zhang, James F. Kurose, Don Towsley
May 1996 **ACM SIGMETRICS Performance Evaluation Review , Prₜ
SIGMETRICS international conference on Measuremenⱡ
systems SIGMETRICS '96**, Volume 24 Issue 1
Publisher: ACM Press

Full text available: ⊞ pdf(1.34 MB)   Additional Information: full citatic
index terₙ

VBR compressed video is known to exhibit significant, multiple-time-scₐ

we consider the transmission of stored video from a server to a client a
explore how the client buffer space can be used most effectively toward
transmitted bit rate.We present two basic results. First, we present an c
achieving the *greatest possible reduction in rate variability* when tra ...

9 Explicit rate flow control for ABR services in ATM networks
Ching-Fong Su, Gustavo de Veciana, Jean Walrand
June 2000 **IEEE/ACM Transactions on Networking (TON)**, Volume
Publisher: IEEE Press
Full text available: pdf(388.02 KB)   Additional Information: full citatic terms

Keywords: ABR service, ATM networks, delay differential equations, e>

10 Link capacity allocation and network control by filtered input rate in I
San-Qi Li, Song Chong, Chia-Lin Hwang
February 1995 **IEEE/ACM Transactions on Networking (TON)**, Vo
Publisher: IEEE Press
Full text available: pdf(1.90 MB)   Additional Information: full citatic terms

11 Efficient transmission of stored video for improved management of r
Arun W. Solleti, Kenneth J. Christensen
September 2000 **International Journal of Network Management**,
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(318.78 KB)   Additional Information: full citatic terms

Emerging applications that use stored video complicate the managemer
bit rate variability of the video. This paper develops a new, more efficiei
transmission of stored video. Copyright © 2000 John Wiley & Sons, Ltd

12 Architecture design for regulating and scheduling user's traffic in AT
H. Jonathan Chao
October 1992 **ACM SIGCOMM Computer Communication Review ,**

Communications architectures & protocols SIGCON
Publisher: ACM Press

Full text available: 📄 pdf(1.11 MB) Additional Information: <u>full citatic</u>
<u>index terr</u>

The asynchronous transfer mode (ATM) technique provides a standardiz
and switch traffic effectively for different services. To provide satisfacto
users on the network, it is necessary to control the user's traffic so that
and fairly utilized by all the users while still meeting the individual QOS
propose to control the user's traffic at two places in the n ...

13 <u>Scalable flow control for multicast ABR services in ATM networks</u>
Xi Zhang, Kang G. Shin, Debanjan Saha, Dilip D. Kandlur
February 2002 **IEEE/ACM Transactions on Networking (TON),** Vo
Publisher: IEEE Press

Full text available: 📄 <u>pdf(706.72</u>   Additional Information: <u>full citatic</u>
<u>KB)</u>   <u>index terr</u>

We propose a flow-control scheme for multicast ABR services in ATM ne
scheme is an optimal second-order rate control algorithm, called the α-ι
variation in RM-cell round-trip time (RTT) resulting from dynamic drift c
Applying two-dimensional rate control, the proposed scheme makes the
available bandwidth of the connection's most congested rink sensed ...

Keywords: α-control, ABR, ATM, RTT variations, buffer control, feedba
control, multicast, multicast flow control, scalability, second-order rate (

14 <u>Adaptive source rate control for real-time wireless video transmissic</u>
Hang Liu, Magda El Zarki
June 1998 **Mobile Networks and Applications,** Volume 3 Issue 1
Publisher: Kluwer Academic Publishers

Full text available: 📄 <u>pdf(371.56</u>   Additional Information: <u>full citatic</u>
<u>KB)</u>   <u>index terr</u>

Hybrid ARQ schemes can yield much better throughput and reliability th
transmission of data over time-varying wireless channels. However thes
They adapt to the varying channel conditions by retransmitting erroneo
effective data rates for current PCS networks because the channel band
schemes are currently being proposed as the error control schemes for

15 Transporting compressed video over ATM networks with explicit-rat
T. V. Lakshman, P. P. Mishra, K. K. Ramakrishnan
October 1999 **IEEE/ACM Transactions on Networking (TON)**, Volu
Publisher: IEEE Press
Full text available: pdf(232.17 KB)   Additional Information: full citatic terms

Keywords: ATM, congestion control, packet video

16 ARCMA---adaptive request channel multiple access protocol for wir
Anna Hać, Boon Ling Chew
November 2001 **International Journal of Network Management**,
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(669.87 KB)   Additional Information: full citatic terms

We propose a new multiple access protocol based on demand assignme
reduce contention in the request phase while minimizing transmission d
environments. Our protocol uses an adaptive scheme that changes und
provides priority to certain delay-sensitive traffic.

17 The ready-to-go virtual circuit protocol: a loss-free protocol for multi
buffers
Emmanouel A. Varvarigos, Vishal Sharma
October 1997 **IEEE/ACM Transactions on Networking (TON)**, Volu
Publisher: IEEE Press
Full text available: pdf(535.09 KB)   Additional Information: full citatic terms

Keywords: FIFO buffers, flow control protocols, switch design

18 A rate control scheme for adaptive real-time applications in IP netwo
round trip times
Ian F. Akyildiz, Özgür B. Akan, Giacomo Morabito

June 2005 **IEEE/ACM Transactions on Networking (TON)**, Volume

Publisher: ACM Press

Full text available: 📄 pdf(671.29 KB)   Additional Information: full citatic terms

Currently there is no control for real-time traffic sources in IP networks. real-time traffic can not only congest the network but can also cause ur traffic. However, it is not possible to apply current solutions for Internel bandwidth-delay products and high bit error rates. The channel errors n control decisions and unnecessary rate throttles leading to severe perfo

Keywords: flow control, high bandwidth-delay products, high bit error

19 High-speed local area networks and their performance: a survey

Bandula W. Abeysundara, Ahmed E. Kamal

June 1991 **ACM Computing Surveys (CSUR)**, Volume 23 Issue 2

Publisher: ACM Press

Full text available: 📄 pdf(3.83 MB)   Additional Information: full citatic index terr

At high data transmission rates, the packet transmission time of a local comparable to or less than the medium propagation delay. The perform degrades rapidly when the packet transmission time becomes small con propagation delay. This paper introduces LANs and discusses the perfor speeds. It surveys recently proposed LAN schemes designed to operate

Keywords: access schemes, computer networks, data communication, fiber networks

20 Reserved bandwidth and reservationless traffic in rate allocating sei

Greg M. Berstein

July 1993 **ACM SIGCOMM Computer Communication Review**, Volui

Publisher: ACM Press

Full text available: 📄 pdf(1.18 MB)   Additional Information: full citatic

Bandwidth efficiency in communication networks can require supporting of service requirements, particularly in terms of delay. The facilities nee advantage of excess bandwidth include (i) a method of conveying netwɩ and (ii) a method for guaranteeing quality of service requirements. Resɩ

servers (RASs) provide QOS guarantees while reservationless RASs pro

Results 1 - 20 of 200   Result page: **1**   <u>2</u>   <u>3</u>   <u>4</u>   <u>5</u>   <u>6</u>   <u>7</u>

The ACM Portal is published by the Association for Computing Machinery.
<u>Terms of Usage</u>   <u>Privacy Policy</u>   <u>Code of Ethics</u>   Cor

Useful downloads: <u>Adobe Acrobat</u>   <u>QuickTime</u>   <u>Windows Med</u>

IEEE *Xplore* ®
RELEASE 2.1

Welcome United States Patent and Trademark Office

Search Results   BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "((delay and size and transmission rate and bandwidth and buffer length and network and   ☑e-mail
multimedia)..."
Your search matched **0** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

| ((delay and size and transmission rate and bandwidth and buffer length and network| | Search |

☐ Check to search only within this results set

Display Format: ◉ Citation   ○ Citation & Abstract

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistan
search.

Help   Contact Us   Privacy & S

Indexed by
⊞ Inspec®

IEEE Xplore®
RELEASE 2.1

Welcome United States Patent and Trademark Office

□ **Search Results**

BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "((delay and size and transmission and bandwidth and multimedia)<in>metadata)"   ☑ e-mail
Your search matched **17** of **1432467** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

<u>View Session History</u>

<u>New Search</u>

Modify Search

| (((delay and size and transmission and bandwidth and multimedia)<in>metadata) | **Search** |

☐ Check to search only within this results set

Display Format: ◉ Citation   ○ Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

⌐ **view selected items**   **Select All Deselect All**

☐ **1. Online smoothing of variable-bit-rate streaming video**
Sen, S.; Rexford, J.L.; Dey, J.K.; Kurose, J.F.; Towsley, D.F.;
<u>Multimedia, IEEE Transactions on</u>
Volume 2, Issue 1, March 2000 Page(s):37 - 48
Digital Object Identifier 10.1109/6046.825793

<u>AbstractPlus</u> | <u>References</u> | Full Text: <u>PDF</u>(292 KB)   **IEEE JNL**
<u>Rights and Permissions</u>

☐ **2. Bandwidth characteristics of multimedia data traffic on a local area netw**
Chuang, S.L.; Doubek, S.E.; Haines, R.F.;
<u>Signals, Systems and Computers, 1993. 1993 Conference Record of The Twe</u>
<u>Asilomar Conference on</u>
1-3 Nov. 1993 Page(s):836 - 840 vol.2
Digital Object Identifier 10.1109/ACSSC.1993.342452

<u>AbstractPlus</u> | Full Text: <u>PDF</u>(368 KB)   **IEEE CNF**
<u>Rights and Permissions</u>

☐ **3. A novel scheme for streaming multimedia to personal wireless handheld**
Bing Zheng; Atiquzzaman, M.;
<u>Consumer Electronics, IEEE Transactions on</u>
Volume 49, Issue 1, Feb. 2003 Page(s):32 - 40
Digital Object Identifier 10.1109/TCE.2003.1205453

<u>AbstractPlus</u> | Full Text: <u>PDF</u>(786 KB)   **IEEE JNL**
<u>Rights and Permissions</u>

☐ **4. Smoothing variable-bit-rate video in an internetwork**
Rexford, J.; Towsley, D.;
<u>Networking, IEEE/ACM Transactions on</u>
Volume 7, Issue 2, April 1999 Page(s):202 - 215
Digital Object Identifier 10.1109/90.769768

<u>AbstractPlus</u> | <u>References</u> | Full Text: <u>PDF</u>(356 KB)   **IEEE JNL**
<u>Rights and Permissions</u>

☐ **5.**
Models and algorithms for bandwidth allocation of CBR video streams in
Hadar, O.; Segal, M.;
<u>Information Technology: Coding and Computing, 2001. Proceedings. Internatic</u>

on
2-4 April 2001 Page(s):148 - 152
Digital Object Identifier 10.1109/ITCC.2001.918781

AbstractPlus | Full Text: PDF(392 KB)   IEEE CNF
Rights and Permissions

6. **Dynamic load balancing for distributed movie based browser systems**
Hiraiwa, A.; Komatsu, N.; Komiya, K.; Ikeda, H.;
Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE Interna
on
Volume 4, 31 May-3 June 1998 Page(s):97 - 101 vol.4
Digital Object Identifier 10.1109/ISCAS.1998.698767

AbstractPlus | Full Text: PDF(496 KB)   IEEE CNF
Rights and Permissions

7. **Size-based adaptive bandwidth allocation: optimizing the average QoS fo**
Shanchieh Yang; de Veciana, G.;
INFOCOM 2002. Twenty-First Annual Joint Conference of the IEEE Computer
Communications Societies. Proceedings. IEEE
Volume 2, 23-27 June 2002 Page(s):657 - 666 vol.2
Digital Object Identifier 10.1109/INFCOM.2002.1019311

AbstractPlus | Full Text: PDF(314 KB)   IEEE CNF
Rights and Permissions

8. **Proxy prefix caching for multimedia streams**
Sen, S.; Rexford, J.; Towsley, D.;
INFOCOM '99. Eighteenth Annual Joint Conference of the IEEE Computer anc
Societies. Proceedings. IEEE
Volume 3, 21-25 March 1999 Page(s):1310 - 1319 vol.3
Digital Object Identifier 10.1109/INFCOM.1999.752149

AbstractPlus | Full Text: PDF(972 KB)   IEEE CNF
Rights and Permissions

9. **Optimal proxy cache allocation for efficient streaming media distribution**
Bing Wang; Sen, S.; Adler, M.; Towsley, D.;
INFOCOM 2002. Twenty-First Annual Joint Conference of the IEEE Computer
Communications Societies. Proceedings. IEEE
Volume 3, 23-27 June 2002 Page(s):1726 - 1735 vol.3
Digital Object Identifier 10.1109/INFCOM.2002.1019426

AbstractPlus | Full Text: PDF(388 KB)   IEEE CNF
Rights and Permissions

10. **Size-distortion optimized queue management for video streaming applic**
Bouazizi, I.; Gunes, M.;
Telecommunications, 2003. ICT 2003. 10th International Conference on
Volume 2, 23 Feb.-1 March 2003 Page(s):1361 - 1366 vol.2
Digital Object Identifier 10.1109/ICTEL.2003.1191633

AbstractPlus | Full Text: PDF(407 KB)   IEEE CNF
Rights and Permissions

11. **Dynamic collision resolution and traffic scheduling for DOCSIS systems support**
Wen-Kuang Kuo; Kumar, S.; Kuo, C.-C.J.;
Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE
Volume 7, 1-5 Dec. 2003 Page(s):3894 - 3898 vol.7
Digital Object Identifier 10.1109/GLOCOM.2003.1258960

AbstractPlus | Full Text: PDF(377 KB)   IEEE CNF
Rights and Permissions

☐ **12. C-ICAMA, a centralized intelligent channel assigned multiple access for r
hoc wireless networks with UAVs**
Gu, D.L.; Ly, H.; Xiaoyan Hong; Gerla, M.; Guangyu Pei; Yeng-Zhong Lee;
Wireless Communications and Networking Conference, 2000. WCNC. 2000 IE
Volume 2, 23-28 Sept. 2000 Page(s):879 - 884 vol.2
Digital Object Identifier 10.1109/WCNC.2000.903973

AbstractPlus | Full Text: PDF(572 KB)   IEEE CNF
Rights and Permissions

☐ **13. Video communication on LANs-multimedia CSCW applications**
Xiaohui Zhang; Descout, R.; Mabilleau, P.;
Electrical and Computer Engineering, 1993. Canadian Conference on
14-17 Sept. 1993 Page(s):632 - 635 vol.2
Digital Object Identifier 10.1109/CCECE.1993.332375

AbstractPlus | Full Text: PDF(400 KB)   IEEE CNF
Rights and Permissions

☐ **14. Fast request transmission in DOCSIS-based CATV networks**
Hue-Jiun Ju; Wanjiun Liao;
Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International (
Volume 1, 26-29 Aug. 2002 Page(s):377 - 380 vol.1
Digital Object Identifier 10.1109/ICME.2002.1035797

AbstractPlus | Full Text: PDF(405 KB)   IEEE CNF
Rights and Permissions

☐ **15. Adaptive slot allocation in DOCSIS-based CATV networks**
Wanjiun Liao; Huei-Jiun Ju;
Multimedia, IEEE Transactions on
Volume 6, Issue 3, June 2004 Page(s):479 - 488
Digital Object Identifier 10.1109/TMM.2004.827498

AbstractPlus | Full Text: PDF(552 KB)   IEEE JNL
Rights and Permissions

☐ **16. Adaptive OFDM system for multi-rate multi-user services in wireless com**
Jaekyoung Moon; Soon-Yong Park; Sangjin Hong;
Wireless Personal Multimedia Communications, 2002. The 5th International S
Volume 3, 27-30 Oct. 2002 Page(s):1039 - 1043 vol.3
Digital Object Identifier 10.1109/WPMC.2002.1088336

AbstractPlus | Full Text: PDF(525 KB)   IEEE CNF
Rights and Permissions

☐ **17. Traffic characteristics of packet-switched streaming services over HSDP.**
Wang, Y.G.; Wang, N.; Chao, H.; Liang, Z.C.; Gui, L.N.;
3G Mobile Communication Technologies, 2004. 3G 2004. Fifth IEE Internation
2004 Page(s):574 - 578

AbstractPlus | Full Text: PDF(976 KB)   IEE CNF